

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 501.33745CX4	
		First Inventor Shunji MAEDA et al.	
Title MFG. METHOD OF SEMICONDUCTOR SUBSTRATE AND METHOD AND APPARATUS FOR INSPECTING...			
Express Mail Label No.			

APPLICATION ELEMENTS SEE MPEP chapter 600 concerning patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents POB 1450 Alexandria, Virginia 22313-1450
--	--

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages: 105] -Descriptive title of the invention (or title page) -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) [30 Shts.: Flgs 1-39] 5. Oath or Declaration [Total Pages: 02] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) ii. <input type="checkbox"/> FILED WITHOUT DECLARATION 6. <input type="checkbox"/> Application Data Sheet (See 37 CFR §1.76)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>if applicable, all necessary</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
---	---

ACCOMPANYING APPLICATION PARTS
9. <input type="checkbox"/> Assignment(s)/Recordation Cover Form(s) PTO-1595 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee) (In Declarations)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies/IDS Refs. Statement (IDS)/PTO-1449 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Form PTO-2038 (Codes 1001/1201)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application No.: 10/098,478 filed 18 March 2002

Prior application information: Examiner: Hoa Q. Pham Group Art Unit: 2877

CONTINUATION/DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

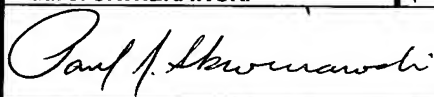
19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer No./Bar Code Label		020457 <small>(Insert Customer No./Attach bar code label here)</small>		or <input checked="" type="checkbox"/> Correspondence address below	
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP					
Address 1300 North Seventeenth Street					
Suite 1800					
City Arlington		State VA		Zip Code 22209-3801	
Country USA		Telephone 703-312-6600		Fax 703-312-6666	
Name Paul J. SKWIERAWSKI		Registration No. (Attorney/Agent) 32,173			
Signature <i>Paul J. Skwierawski</i>				Date 17 October 2003	

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known																																																																																																																																																		
		Application Number	Unassigned (\$53b Cont. of 10/098,478)																																																																																																																																																	
		Filing Date	17 October 2003																																																																																																																																																	
		First Named Inventor	Shunji MAEDA et al.																																																																																																																																																	
		Examiner Name	Unassigned (Parent - Hoa Q. Pham)																																																																																																																																																	
TOTAL AMOUNT OF PAYMENT		(\$ 856.00)																																																																																																																																																		
METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge DEFICIENCIES indicated to: Deposit Account Number 01-2135 Deposit Account Name ATS&K <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examination action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table>		Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examination action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	920	217	460	Extension for reply within third month	118	1,440	218	720	Extension for reply within fourth month	128	1,960	228	980	Extension for reply within fifth month	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,280	241	640	Petition to revive - unintentional	142	1,280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	179	740	279	370	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																
139	130	139	130	Non-English specification																																																																																																																																																
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																
112	920*	112	920*	Requesting publication of SIR prior to Examination action																																																																																																																																																
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																
115	110	215	55	Extension for reply within first month																																																																																																																																																
116	400	216	200	Extension for reply within second month																																																																																																																																																
117	920	217	460	Extension for reply within third month																																																																																																																																																
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																
119	320	219	160	Notice of Appeal																																																																																																																																																
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																
121	280	221	140	Request for oral hearing																																																																																																																																																
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																
143	460	243	230	Design issue fee																																																																																																																																																
144	620	244	310	Plant issue fee																																																																																																																																																
122	130	122	130	Petitions to the Commissioner																																																																																																																																																
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))																																																																																																																																																
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																
2. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>\$770.00</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					\$770.00	Other fee (specify) *Reduced by Basic Filing Fee Paid																																																																																																								
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																															
1001	770	2001	385	Utility filing fee																																																																																																																																																
1002	340	2002	170	Design filing fee																																																																																																																																																
1003	530	2003	265	Plant filing fee																																																																																																																																																
1004	770	2004	385	Reissue filing fee																																																																																																																																																
1005	160	2005	80	Provisional filing fee																																																																																																																																																
SUBTOTAL (1)					\$770.00																																																																																																																																															
1. EXTRA CLAIM FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>20-20** = 00</td> <td>x\$18 =</td> <td>\$00</td> <td></td> </tr> <tr> <td>Indep. Claims 4-3** = 01</td> <td>x\$ 86 =</td> <td>\$86.00</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td>=</td> <td></td> <td></td> </tr> </tbody> </table>		Total Claims	Extra Claims	Fee from below	Fee Paid	20-20** = 00	x\$18 =	\$00		Indep. Claims 4-3** = 01	x\$ 86 =	\$86.00		Multiple Dependent	=			SUBTOTAL (2) \$86.00																																																																																																																																		
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																	
20-20** = 00	x\$18 =	\$00																																																																																																																																																		
Indep. Claims 4-3** = 01	x\$ 86 =	\$86.00																																																																																																																																																		
Multiple Dependent	=																																																																																																																																																			
1. EXTRA CLAIM FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1201</td><td>18</td><td>2201</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1202</td><td>86</td><td>2202</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2) \$86.00</td></tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	1201	18	2201	9	Claims in excess of 20	1202	86	2202	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$86.00					SUBTOTAL (3) (\$00)																																																																																																															
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description																																																																																																																																																
1201	18	2201	9	Claims in excess of 20																																																																																																																																																
1202	86	2202	43	Independent claims in excess of 3																																																																																																																																																
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																
SUBTOTAL (2) \$86.00																																																																																																																																																				

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Paul J. SKWIERAWSKI	Registration No. (Attorney/Agent)	32,173
Signature		Telephone	703-312-6600
		Date	17 October 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.